(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



Rec'd PCT/PTO 09 SEP 2004

(43) International Publication Date 18 September 2003 (18.09.2003)

PCT

(10) International Publication Number WO 03/077234 A1

(51) International Patent Classification7: G10L 15/18

(21) International Application Number: PCT/IB03/00890

(22) International Filing Date: 10 March 2003 (10.03.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

102 11 777.2

14 March 2002 (14.03.2002) DE

(71) Applicant (for DE only): PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE).

(71) Applicant (for all designated States except DE, US):

KONINKLIJKE PHILIPS ELECTRONICS N.V.
[NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): PANKERT,

Matthias [BE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE). SCHMALD, Reimund [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE). MARSCHNER, Jens, Friedemann [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

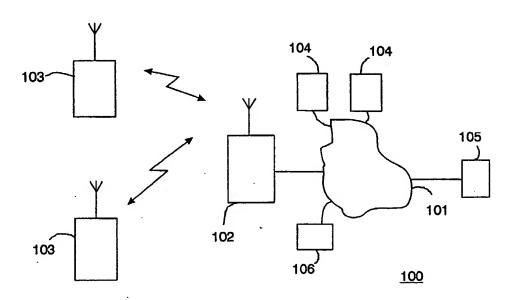
(74) Agent: VOLMER, Georg; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: TEXT MESSAGE GENERATION



(57) Abstract: The invention relates to a method of generating text messages. In order to make the generation of text messages as convenient and efficient as possible for a user, the following steps are proposed: - processing of speech input containing message elements by means of grammar-based speech recognition procedures; - processing of speech input by means of speech model-based speech recognition procedures, either in parallel with processing by means of grammar-based speech recognition or once a recognition result has been obtained by means of the grammar-based speech recognition procedures which is not of a predefined quality; - generation of a text message using the recognition results produced by means of the grammar-based and/or speech model-based speech recognition procedures.

WO 03/077234